

<p style="text-align: center;"><b>U.S. INFORMATION DISCLOSURE CITATION</b>  <small>(Use several sheets if necessary)</small></p> <p style="text-align: center;">JAN 16 2005</p> <p style="text-align: right;">RECEIVED &amp; TRADEMARK OFFICE U.S. PATENT AND TRADEMARK OFFICE</p>				ATTY DOCKET NO. <b>DR-352J</b>	SERIAL NO. <b>10/601,606</b>	
				<b>Dubé et al.</b>		
				FILING <b>June 23, 2003</b>	GROUP <b>3641 3753</b>	
<b>U.S. PATENT DOCUMENTS</b>						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
XJF	6,337,212	Jan-8-02	Nagle et al.	436	174	
	6,322,683	Nov-27-01	Wolk et al.	204	600	
	6,321,791	Nov-27-01	Chow	137	833	
	6,293,012	Sep-25-01	Moles	29	890.124	
	6,251,343	Jun-26-01	Dubrow et al.	422	102	
	6,200,536	Mar-13-02	Tonkovich et al.	422	177	
	6,182,733	Feb-6-01	McReynolds	156	497	
	6,156,438	Dec-5-00	Gumm et al.	428	458	
	6,136,212	Oct-24-00	Mastrangelo et al.	216	49	
	6,123,798	Sep-26-00	Gandhi et al.	156	292	
	6,102,068	Aug-15-00	Higdon et al.	137	341	
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
XJF	WO 98/07069	19-Feb-98	WIPO			✓
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
XJF		van den Berg et al.: "Micro Total Analysis Systems: Microfluidic Aspects, Integration Concept and Applications" Topics in Current Chemistry, Vol. 194, Springer Verlag Berlin Heidelberg 1998, pp. 22-49				
		Mensinger, et al.: "Microreactor with Integrated Static Mixer and Analysis System", 1995 Kluwer Academic Publishers, Printed in the Netherlands, pp. 237-243				
		van der Schoot et al.: "Microsystems for Analysis in Flowing Solutions" © 1995 Kluwer Academic Publishers, Printed in the Netherlands, pp. 181-190				
		Baltes et al.: "CMOS Integrated Microsystems and Nanosystems", Part of the SPIE Conference on Smart Electronics and MEMS, Newport Beach, California, March 1999, SPIE Vol. 3673, 0277-786X/99, pp. 2-10				
EXAMINER			DATE CONSIDERED		2/05	
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>						

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**DR-352J**

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**10/601,606**

**Dubé et al.**

FILING

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GROUP

**3641**

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JRC	6,086,740	Jul-11-00	Kennedy	204	601	
	6,082,185	Jul-4-00	Saaski	73	64.56	
	6,073,482	Jun-13-00	Moles	73	53.01	
	5,932,799	Aug-3-99	Moles	73	53.01	
	5,788,468	Aug-4-98	Dewa et al.	417	415	
	5,718,567	Feb-17-98	Rapp et al.	417	395	
	5,376,252	Dec-27-94	Ekström et al.	204	299	
	4,489,863	Dec-25-84	Horchos et al.	222	504	
	3,811,474	May-21-74	Bauer et al.	137	833	

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

JRC		Terry et al.: "A Gas Chromatographic Air Analyzer Fabricated on a Silicon Wafer", IEEE Transactions on Electron Devices, Vol. ED-26, No. 12, December 1979, pp 1880-1887
		Martin et al.: "Laminated plastic microfluidic components for biological and chemical systems", 1999 American Vacuum Society, J. Vac. Sci. Technol. A 17(4), Jul/Aug 1999, pp. 2264-2269
		Webster et al.: "Monolithic Capillary Electrophoresis Device with Integrated Fluorescence Detector", ©2001 American Chemical Society, Published on Web 02/23/2001, Anal. Chem. 2001, 73, pp 1622-1626
		Roulet et al.: "Performance of an Integrated Microoptical System for Fluorescence Detection in Microfluidic Systems" Institute of Microtechnology, University of Neuchâtel, ©2002 Anal. Chem. 2002, 74, pp 3400-3407

EXAMINER

DATE CONSIDERED

2/05

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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>			ATTY DOCKET NO. DR-352.I		APPLICATION NO. 10/601,606	
			APPLICANT(S) Dubé et al.			
			FILING DATE June 23, 2003		GROUP ART UNIT 3641	
			U.S. PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
U.S. PATENT APPLICATION PUBLICATIONS						
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<i>JR</i>			Jager et al.: "Microfabricating Conjugated Polymer Actuators" SCIENCE ( <a href="http://www.sciencemag.org">www.sciencemag.org</a> ), Vol. 290, 24 November 2000, pp. 1540-1545			
			Kim et al.: "Fabrication and Test of an Electromagnetic Micro Actuator with a Planar Coil on a Parylene Diaphragm", MEMS-Vol. 2, Micro-Electro-Mechanical Systems (MEMS) - 2000, pp. 281-286			
			Bianchi et al.: "Electroosmotic Flow in Composite Microchannels and Implications in Microcapillary Electrophoresis Systems" Analytical Chemistry, Vol 73, No. 4, February 15, 2001, pp. 829-836			
			Z. Cui, Rutherford Appleton Laboratory, UK: "A Knowledge Base for Microfluidic Devices", <a href="http://www.cms.rl.ac.uk/CCMicro/info_microfluidics">www.cms.rl.ac.uk/CCMicro/info_microfluidics</a> , 15 pages			
EXAMINER <i>JWY</i>			DATE CONSIDERED 2/05			
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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
<i>JR</i>			Morris et al.: "Optimization of a circular piezoelectric bimorph for a micropump driver" Mechanical Engineering Department, University of Washington, Seattle, WA, February 2000, 7 pages				
EXAMINER <i>[Signature]</i>			DATE CONSIDERED <i>2/05</i>				
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